

SHEET INDEX			
CONTENTS	SHEET NO.	SHEET	ISSUE
SHEET INDEX SUPPORTING INFORMATION CURRENT DRAIN USED ON NOTES OTHER RECORD OF CHANGES			
CIRCUIT SCHEMATIC COMPONENT LIST	2	1	

# SYMBOL

118	0A0	GS40	219
019	0S0A		
010		GS41	318
117	0A2	GS42	218
01	0A3	GS43	317
116	0A4	GS44	217
015	0A5	GS45	316
115	0A6	GS46	216
014	0A7	GS47	315
114	0A8	GS48	215
013	0A9	GS49	314
113	0A10	GS410	214
012	0A11	GS411	313
112	0A12	GS412	213
011	0A13	GS413	312
111	0A14	GS414	212
01	0A15	GS415	311
110	0A16	GS416	211
109	0B0	GS80	308
009	0S0B		
008	0B1	GS81	208
107	0B2	GS82	307
007	0B3	GS83	207
106	0B4	GS84	306
006	0B5	GS85	206
105	0B6	GS86	305
005	0B7	GS87	205
104	0B8	GS88	304
004	0B9	GS89	204
103	0B10	GS810	303
003	0B11	GS811	203
102	0B12	GS812	302
002	0B13	GS813	202
101	0B14	GS814	301
001	0B15	GS815	201
100	0B16	GS816	300

FC307  
GATE SELECTOR  
CIRCUIT

RECORD OF CHANGES				
DWG	PREV	STD	NRR	SEE
135	PLAN	DISC	DISC	NOTE

## NOTES:

1. UNLESS OTHERWISE SPECIFIED:  
RESISTANCE VALUES ARE IN OHMS  
CAPACITANCE VALUES ARE IN MICROFARADS  
VALUES PRECEDED BY THE SYMBOL "+" (PLUS)  
OR "-" (MINUS) ARE IN VOLTS.

2. POWER AND GROUND TERMINALS FOR  
INTEGRATED CIRCUITS:

TO	GND		
CODE	TERM.		

3. BATTERY AND GROUND TERMINALS FOR THIS  
CIRCUIT PACK ARE AS FOLLOWS:

FUNCTION TERMINAL

4. THE TERMINAL "P" MOUNTING ARRANGEMENT OF THE  
516 TRANSISTOR IS



5. HORIZONTAL MOUNTING CENTERS AT 0.50 INCH.

SYSTEM USED ON	DESIGN CONTROL
NO. 5 ESS	TH

CURRENT DRAIN: 0 mA

## SHEET INDEX NOTES

- FOR SINGLE REISSUES, A  
CHANGED OR NEW SHEET  
WILL BE ASSIGNED THE  
SAME ISSUE NUMBER AS  
SHEET 1.
- FOR CONCURRENT REISSUES,  
A CHANGED OR NEW SHEET  
WILL BE ASSIGNED THE  
HIGHEST ISSUE NUMBER  
AFFECTING THAT SHEET.
- THE ISSUE NUMBER OF  
SHEET 1 IS RECOGNIZED  
AS THE ISSUE NUMBER OF  
THE WHOLE DRAWING.

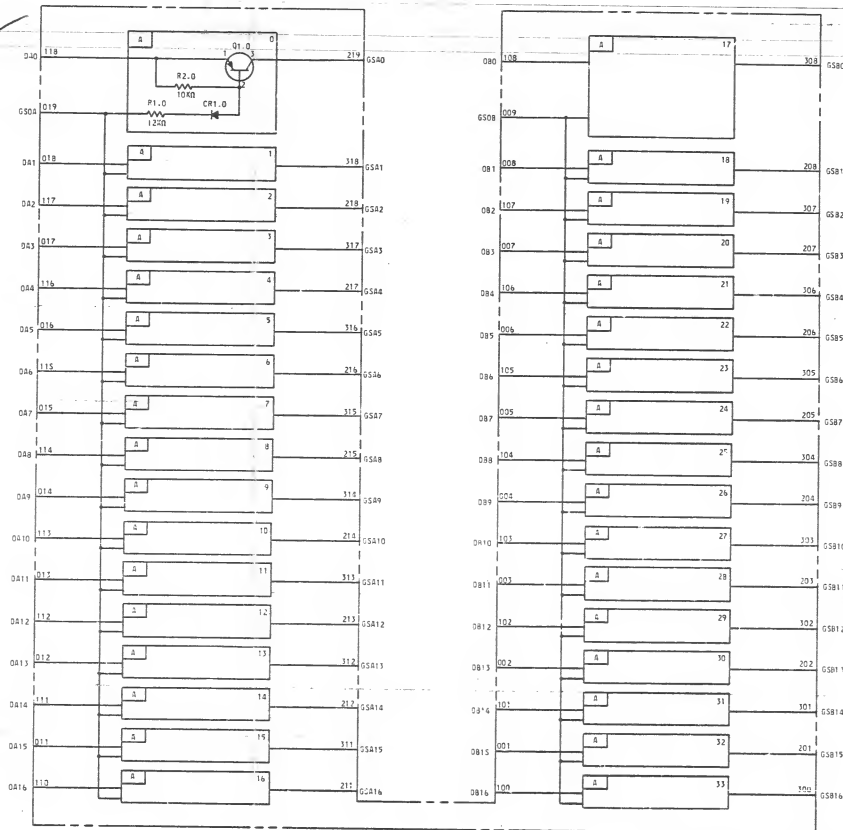
## SUPPORTING INFORMATION

CATEGORY	NUMBER	NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT.	
CONNECTOR ON FRAME	947A, 947C, OR 947E	1111	248020- STANDARD
CIRCUIT PACK INFORMATION DRAWING	FC307	FC307 CIRCUIT PACK GATE SELECTOR CIRCUIT	
SERIES FOR LATEST CLASS "A" CHANGE			
ACCEPTABLE SERIES	1		
BELL LABORATORIES		CPS-FC307	2 SHEETS

## GATE SELECTOR CIRCUIT

## COMPONENT LIST

DIODE	
DESIG	CODE
(34) CR1.0-CR1.33	4581
RESISTOR	
DESIG	CODE
(14) R1.0-R1.33	RS-20415, L13, 12K
(14) R2.0-R2.33	RS-14407, L2, 10K
TRANSISTOR	
DESIG	CODE
(34) Q1.0-Q1.33	91E



FC307 CIRCUIT PACK

BELL TELEPHONE LABORATORIES  
INCORPORATEDSHEET 2  
CPS-FC307  
REV. 85